

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060247857").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/29 11:31
S2	2	((("3,875,497") or ("5,218,300")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/29 11:31
S3	51	(ship near (bias interference\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 13:38
S4	1	(ship near (bias interference\$1)) and (gradient with (measur\$4 calculat\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 13:38
S5	1	(ship near (bias interference\$1)) and ((gradient del\$1 nabla) with (measur\$4 calculat\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 13:40
S6	8	(ship near (bias interference\$1)) and (gradient del\$1 nabla)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:42
S7	8	(ship near (bias interference\$1)) and (gradient del nabla)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 13:47
S8	0	(ship near (bias interference\$1)) with (compensat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 13:51
S9	1	(ship near (bias interference\$1)) with correct\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 14:08
S10	29	(ship marine) with (magnetic with gradient\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:31
S11	66	(702/91).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 11:20
S12	2	(marine with magnetic near data) same process\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:08
S13	267	(process\$3 with (marine with data))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:43
S14	1	S13 and (raw with magnetic with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:09

EAST Search History

S15	5	S13 and (magnetometer\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:25
S16	1	S15 and (ship with (bias interferenc\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:09
S17	2	((ship\$1 marine\$1) near (bias interferenc\$3)) same sensor\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:25
S18	10	("3418568" "3541458" "3757203" "4286218").PN. OR ("4739262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:31
S19	1	(ship\$1 with (bias interferenc\$3)) and (B\$1spline with filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:32
S20	96	(B\$1spline with filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:00
S21	1	(B\$1spline with filter\$3) and ((ship\$1 marine\$1) with magnetic with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:33
S22	7	(B\$1spline with filter\$3) and (magnetic\$3 with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:33
S23	1	(B\$1spline with filter\$3) and (ship\$1 with (bias interference\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:33
S24	745	ship\$1bias (ship with (bias interference\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:34
S25	7	S24 and (gradient with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:36
S26	7	S24 and (gradient with data) and (sampl\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/06 16:36
S27	1	gradient with (ship\$1 with (bias interfer\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 12:43
S28	7	gradient same (ship\$1 with (bias interfer\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 12:44
S29	660	raw with magnetic with data	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 12:44

EAST Search History

S30	51	raw with magnetic with gradient with data	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:00
S31	1	(ship with bias) and S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 12:45
S32	1	((submarine marine ship\$1) with (bias interfer\$5))and S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 12:45
S33	0	(raw with magnetic with gradient with data) and (trend with gradient with ship with bias) and (magnetic with density) and ((trailing and leading)with sensor\$1) and (estimat\$3 with gradient\$1) and output	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 13:30
S34	0	(raw with magnetic with gradient with data) and (trend with gradient with ship with bias) and (magnetic with density) and ((trailing and leading)with sensor\$1) and (estimate near gradient)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 13:30
S35	0	(raw with magnetic with gradient with data) and (trend with gradient with ship with bias) and (magnetic with density) and (estimate near gradient)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 13:30
S36	0	(raw with magnetic with gradient with data) and (trend with gradient with ship with bias) and (magnetic with density)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 13:30
S37	1	(raw with magnetic with gradient with data) and (trend with gradient with ship with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:56
S38	1	(raw with magnetic with gradient with data) and (trend with gradient with ship with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 14:33
S39	0	ship with induce\$1bias	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 14:42
S40	5	ship with induce\$1 with bias	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 14:42
S41	3	("3471777").URPN.	USPAT	OR	ON	2007/02/07 14:43
S42	45	remov\$3 with (magnetic with field with interfer\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:18
S43	2	S42 and (ship\$1 marine\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:18

EAST Search History

S44	12	("4600883" "4727329" "4731582" "4767988" "4875014").PN. OR ("5134369").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:29
S45	3180	(drift\$3 with (magnetic\$3 magnetometer\$1 gradiometer\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:52
S46	593	(drift\$3 with (magnetic\$3 sensor\$1 magnetometer\$1 gradiometer\$1)) same bias	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:42
S47	16	(drift\$3 with (magnetic\$3 sensor\$1 magnetometer\$1 gradiometer\$1)) same bias same gradient	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:35
S48	5	(drift\$3 with (magnetic\$3 sensor\$1 magnetometer\$1 gradiometer\$1)) same bias same gradient same filter\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:34
S49	1	(drift\$3 with (magnetic\$3 sensor\$1 magnetometer\$1 gradiometer\$1)) same bias same gradient and (marin\$3 ship\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:35
S50	3	(drift\$3 with (magnetic\$3 sensor\$1 magnetometer\$1 gradiometer\$1)) same (ship\$1 with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:35
S51	23	("3289836").URPN.	USPAT	OR	ON	2007/02/07 17:53
S52	0	(ship\$1 marine\$1 submarine\$!) with (magnetometer\$1 sensor\$1) with ((bias interfer\$3) and drift\$3)	USPAT	OR	ON	2007/02/07 17:54
S53	11	(ship\$1 marine\$1 submarine\$!) with (magnetometer\$1 sensor\$1) with (bias interfer\$3)	USPAT	OR	ON	2007/08/01 10:21
S54	10	("3418568" "3541458" "3757203" "4286218").PN. OR ("4739262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 17:58
S55	10	("3418568" "3541458" "3757203" "4286218").PN. OR ("4739262").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:01
S56	6	(igneous with basement)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:14
S57	96	b\$1spline with filter\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:56
S58	72	S57 and (smooth\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:05

EAST Search History

S59	1	S57 and (smooth\$3 with gradient\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:04
S60	3	S57 and (gradient with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:05
S61	2	S57 and (gradient and trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:06
S62	8	(b\$1spline with ((Low\$1pass near filter\$3) LPF))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:08
S63	20	(b\$1spline same gradient\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:07
S64	11	(marine with magnetic\$3) same gradient	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:00
S65	17	("3490032").URPN.	USPAT	OR	ON	2007/02/07 18:12
S66	6	("3490032" "3808519" "4277771" "4766385").PN. OR ("5218300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:15
S67	6	drill\$3 same (ship\$1 with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:01
S68	18	(magnet\$5 with gradient with survey\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:18
S69	1	S67 and S68	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:18
S71	2	S64 and S68	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:18
S72	1	S63 and S68	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:19
S73	23	("3020470" "3052837" "3182250" "3361957" "3490032" "3514693").PN. OR ("3875497").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:31
S74	2	(determin\$3 filter\$3) same (ship\$1 near bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:32

EAST Search History

S75	1	ship\$1 with bias with trend\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:32
S76	1614	trend\$1 with estimat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:33
S77	1	(trend\$1 with estimat\$4) same (ship\$1 with magnetic\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:34
S78	1	(trend\$1 with estimat\$4) and (ship\$1 with magnetic\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:35
S79	4	(trend\$1 with estimat\$4) and (bias with magnetic\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:08
S80	36	(trend\$1 with estimat\$4) and (remov\$3 with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:10
S81	168	(rose with marion) (zeng with yi) (peter with stone)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:48
S82	1	(gradient same (raw with magnetic with data)) and (gradient same (trend with ship\$1 with bias)) and (subtract\$3 with trend with raw with gradient)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:50
S83	1	S81 and S82	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:50
S84	1	((gradient same (raw with magnetic with data)) and (gradient same (trend with ship\$1 with bias)) and (subtract\$3 with trend with raw with gradient)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:51
S85	26	trend with magnetic with (bias interfer\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:52
S86	3	trend with magnetic with (ship\$1 marine\$1 submarine\$1 survey gradiometer\$1 magnetometer\$1 sensors) with (bias interfer\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:35
S87	55	(determin\$3 same (bias interfer\$3) with trend)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:22
S88	1	(magnetometer\$1 same bias same trend)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:56

EAST Search History

S89	6	(magnetometer\$1 same bias same ((least with square) statistic\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:09
S90	318	(magnetic\$3 with (interfer\$3 bias)) with filter\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:58
S91	1	(ship\$1 with magnetic\$3 with (interfer\$3 bias)) with (filter\$3 eliminat\$3 trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:33
S92	979	(magnetic\$3 with (interfer\$3 bias)) with (filter\$3 eliminat\$3 trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:58
S93	1080	(magnetic\$3 with (interfer\$3 bias)) with (filter\$3 subtract\$3 eliminat\$3 trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:33
S94	1953	(magnetic\$3 with (interfer\$3 bias)) with (filter\$3 subtract\$3 eliminat\$3 trend\$3 remov\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:32
S95	0	(gradient with raw with magnetic) same (remov\$3 eliminat\$3) same (bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:59
S96	2492	((magnetometer\$1 gradiometer\$1 magnetic\$5) with bias) same (remov\$3 subtract trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:09
S97	157	S96 and gradient	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 18:00
S98	41	S97 and filter\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 18:00
S99	68	(702/91).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 11:35
S10 0	310	(324/345).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 11:40
S10 1	60	(324/245).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 11:40
S10 2	530	(324/244).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 11:45
S10 3	1146	(702/47,52,53,54,93,104,116).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 11:50

EAST Search History

S10 4	815	(702/85,124).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 12:00
S10 5	3606	(702/179,180,181,182,183).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 12:02
S10 6	4577	(702/184,185,186,187,188,189,190,191, 192,193).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 12:18
S10 7	52	(73/170.33).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 12:18
S10 8	2543	((magnetometer\$1 gradiometer\$1 magnetic\$5) with bias) same (remov\$3 subtract trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:32
S10 9	1994	(magnetic\$3 with (interfer\$3 bias)) with (filter\$3 subtract\$3 eliminat\$3 trend\$3 remov\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:32
S11 0	1102	(magnetic\$3 with (interfer\$3 bias)) with (filter\$3 subtract\$3 eliminat\$3 trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:42
S11 1	1102	(magnetic\$3 with (interfer\$3 bias)) with (filter\$3 subtract\$3 eliminat\$3 trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:42
S11 2	1	(ship\$1 with magnetic\$3 with (interfer\$3 bias)) with (filter\$3 eliminat\$3 trend\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:34
S11 3	0	S112 and (S99 S100 S101 S102 S103 S104 S105 S106 S107)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:34
S11 4	15	S108 and (S99 S100 S101 S102 S103 S104 S105 S106 S107)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:34
S11 5	3	trend with magnetic with (ship\$1 marine\$1 submarine\$1 survey gradiometer\$1 magnetometer\$1 sensors) with (bias interfer\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:37
S11 6	0	S115 and S114	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:37
S11 7	6	(magnetometer\$1 same bias same ((least with square) statistic\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:23

EAST Search History

S11 8	37	(trend\$1 with estimat\$4) and (remov\$3 with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:01
S11 9	1	(magnetic\$3 with (interfer\$3 bias)) with (filter\$3 subtract\$3 eliminat\$3 trend\$3) and (trend\$1 with estimat\$4) and (remov\$3 with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:42
S12 0	1	((magnetic\$3 with (interfer\$3 bias)) with (filter\$3 subtract\$3 eliminat\$3 trend\$3)) and ((trend\$1 with estimat\$4) and (remov\$3 with bias))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:44
S12 1	0	S120 and (S99 S100 S101 S102 S103 S104 S105 S106 "0")	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:44
S12 2	0	S120 and (S99 S100 S101 S102 S103 S104 S105 S106 S107)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:44
S12 3	0	(process\$3 with ((marine ship)with data)) and (interfer\$3 with bias\$3) and (filter\$3 with statistic\$3 with trend\$1 with (magnetic\$3 near data))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:47
S12 4	0	(magnetometer\$) and (((marine ship\$1) with bias\$3) (interfer\$3 with bias with ship\$1)) and ((trend\$1 with statistic\$3) with (estimat\$3 calculat\$3 approxim\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:48
S12 6	1	(magnetometer\$) and (((marine ship\$1) with bias\$3) (interfer\$3 with bias with ship\$1)) and (trend\$1 with (estimat\$3 calculat\$3 approxim\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:49
S12 7	1	(magnetometer\$) and (((marine ship\$1) with bias\$3) (interfer\$3 with bias with ship\$1)) and (trend\$1 with (estimat\$3 calculat\$3 approxim\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:24
S12 8	0	((subsurface\$1 with structure\$1) with determin\$3) same (ship\$1 with (bias interfer\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:50
S12 9	0	((subsurface\$1 with structure\$1) with determin\$3) and (ship\$1 with (bias interfer\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:50
S13 0	0	(magnetometer\$) and (((marine ship\$1) with bias\$3) (interfer\$3 with bias with ship\$1)) and (trend\$1) and (tow\$3 with probe\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:52
S13 1	0	(magnetometer\$) and (((marine ship\$1) with bias\$3) (interfer\$3 with bias with ship\$1)) and (tow\$3 with probe\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:52

EAST Search History

S13 2	8	("3840726" "4038527" "4515013").PN. OR ("4986121").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:52
S13 3	37	(trend\$1 with estimat\$4) and (remov\$3 with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:55
S13 4	1	(trend\$1 with estimat\$4) and (remov\$3 with bias) and ((ship\$1 with bias) near1 gradient\$1) and (magnetometer\$1 (sens\$3 with magnetic\$3 with data))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:55
S13 5	0	S117 and S133	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:56
S13 6	1	(raw with magnetic with gradient with data) and (trend with gradient with ship with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:56
S13 7	1	(trend\$1 with estimat\$4) and ((remov\$3 filter\$3)with bias) and (gradient\$1 with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:57
S13 8	1	(gradient\$1 with magnetic with data) same (ship with bias\$1) same (trend\$1 with filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:58
S13 9	1	((ship marine magnetic) with (bias interfer\$3)) with (gradient\$1 with data))with (filter\$3 estimat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 12:59
S14 0	2	(estimat\$3 approximat\$3 filter\$3) with (gradient\$1 with (ship marine\$1) with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:23
S14 1	1	(estimat\$3 approximat\$3 filter\$3) with (gradient\$1 with (ship marine\$1) with (bias))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:00
S14 2	1	(estimat\$3 approximat\$3 filter\$3) with (gradient\$1 with (ship marine\$1) with (interference interfer\$3 bias))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:00
S14 3	12	(marine with magnetic\$3) same gradient	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:01
S14 4	0	((marine with magnetic\$3) same gradient) with (estimat\$3 approximat\$3 filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:00
S14 5	0	((marine with magnetic\$3) same gradient) with (estimat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:01

EAST Search History

S14 6	0	((marine with magnetic\$3) same gradient with estimat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:01
S14 7	1	S143 and (estimat\$3 with trend\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:01
S14 8	1	S143 and (gradient\$1 with ship\$1 near bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:01
S14 9	6	drill\$3 same (ship\$1 with bias)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:02
S15 0	59	("2503516" "2808229" "3191201" "3279404" "3412981" "3461828" "3552343" "3601075" "3602302" "3628336" "3682242" "3739736" "3774562" "3822663" "3828561" "3880105" "4108255" "4227831" "4351258" "4446807" "4457250" "4470468" "4509448" "4519728" "4571125" "4601252" "4604961" "4819730" "5381750" "Re29373").PN. OR ("6085851").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:04
S15 2	0	S150 and S110	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:04
S15 3	0	S150 and S108	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:04
S15 4	1	(trend\$1 with estimat\$4) and ((ship marine) with bias with magnetic\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:08
S15 5	0	(magnetometer\$1 same bias same ((least with square) statistic\$3)) and (estimat\$3 with trend\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:09
S15 6	0	(sens\$3 with magnetic\$3 with gradient\$1) and (ship\$1 with bias\$3 and interfer\$3) and (tow\$3 with ship\$1 float\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:10
S15 7	0	(trend\$1 with estimat\$4) and (remov\$3 with bias) and (ship\$1 with intefer\$3) and (gradient with data) and (sens\$3 with magnetic\$3) and (structure with survey\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/11 13:11

EAST Search History

S15 8	1	(magnetic\$3 with data with sens\$3) and (tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:10
S15 9	37	(magneto\$1meter\$1 and (magnetic with sens\$3)) and ((ship\$1 marine\$1) with (bias\$3 tow\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:21
S16 1	263	(702/91,92,93).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:24
S16 2	1095	(702/47,52,53,54,104,116).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:25
S16 3	3951	(702/184,185,186,187,188,189).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:25
S16 4	681	(702/190,191,192).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:28
S16 5	866	(324/245,345,244).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:25
S16 6	52	(73/170.33).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:25
S16 7	3639	(702/179,180,181,182,183).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:28
S16 8	30	(ship marine) with (magnetic with gradient\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:31
S16 9	112	(B\$1spline with filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:42
S17 0	8	(ship near (bias interference\$1)) and (gradient del\$1 nabla)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:42
S17 1	632	(drift\$3 with (magnetic\$3 sensor\$1 magnetometer\$1 gradiometer\$1)) same bias	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:42
S17 2	285	(process\$3 with (marine with data))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:53

EAST Search History

S17 3	2	(survey\$3 with (region\$3 area\$1)) same (ship\$1 marine\$1) same ((magnet\$3 magnetometer\$1 magnetic\$3) with gradient\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:55
S17 4	0	(survey\$3 with (region\$3 area\$1)) same (ship\$1 marine\$1) same ((magnet\$3 magnetometer\$1 magnetic\$3) with gradient\$1) and (((trend\$1 with statistic\$3) (least with squar\$3)) with estimat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:47
S17 5	3275	(drift\$3 with (magnetic\$3 magnetometer\$1 gradiometer\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:55
S17 6	3	S175 and S168	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:53
S17 7	0	S176 and (estimat\$3 approxim\$3) with (((trend\$1 and statistic\$3) (least near1 squar\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:52
S17 8	0	S176 and ((estimat\$3 approxim\$3) with (((trend\$1 and statistic\$3) (least near1 squar\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:54
S17 9	0	S161 and S176	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:53
S18 0	1	(process\$3 with (marine with data)) and (drift\$3 with (magnetic\$3 magnetometer\$1 gradiometer\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:54
S18 1	0	S180 and (S161 S162 S163 S164 S165 S166 S167)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:54
S18 2	47	S175 and (S161 S162 S163 S164 S165 S166 S167)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:54
S18 3	0	S182 and S168	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:54
S18 4	0	S182 and S173	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:54
S18 5	9861	((estimat\$3 approxim\$3) with (((trend\$1 and statistic\$3) (least near1 squar\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:54

EAST Search History

S18 6	24	(drift\$3 with (magnetic\$3 magnetometer\$1 gradiometer\$1)) and ((estimat\$3 approximat\$3) with ((trend\$1 and statistic\$3) (least near1 squar\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:55
S18 7	0	(survey\$3 with (region\$3 area\$1)) same (ship\$1 marine\$1) same ((magnet\$3 magnetometer\$1 magnetic\$3) with gradient\$1) and ((drift\$3 with (magnetic\$3 magnetometer\$1 gradiometer\$1)) and ((estimat\$3 approximat\$3) with ((trend\$1 and statistic\$3) (least near1 squar\$3))))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 11:55
S18 9	55	raw with magnetic with gradient with data	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:00
S19 0	1	(raw with magnetic with gradient with data) and (B\$1spline with filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:00
S19 1	1	(raw with magnetic with gradient with data) and (B\$1spline with filter\$3) and ((ship near (bias interference\$1)) and (gradient del\$1 nabla))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:01
S19 2	0	(trend\$1 with estimat\$4) and (remov\$3 with bias) and (statistic\$3 with magnetometer\$1) and (magnetic\$3 with gradient\$3 with sens\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:02
S19 3	1	((magnetometer\$1 gradiometer\$1 magnetic\$5) with bias) same (remov\$3 subtract trend\$3) same (sens\$3 with gradient\$3 with magnetic\$3) same ((statistic\$3 with filter\$3) (b\$spline))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:10
S19 4	1	(magnetic\$3 with data with sens\$3) and (tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:10
S19 5	1	(magnetic\$3 with data with sens\$3) and (tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:14
S19 6	0	S195 and (S161 S162 S163 S164 S165 S166 S167)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:14

EAST Search History

S19 7	1	(magnetic\$3 with data with sens\$3) and (tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:15
S19 8	0	S197 and (S161 S162 S163 S164 S165 S166 S167)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:15
S19 9	0	((magnetic\$3 with data with sens\$3) and (tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement)). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:37
S20 0	0	S199 and (S161 S162 S163 S164 S165 S166 S167)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:18
S20 1	0	(magnetic\$3 with data with sens\$3) and (tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and (magnetometer\$1 same bias same ((least with square) statistic\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:16
S20 2	0	(tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and (magnetometer\$1 same bias same ((least with square) statistic\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:16
S20 3	1	(magnetic\$3 with data with sens\$3) and(tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and ((magnetometer\$1 same bias same ((least with square) statistic\$3)) or (b\$1spline with filter\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:16

EAST Search History

S20 4	1	(magnetic\$3 with data with sens\$3) and(tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and ((magnetometer\$1 same bias same ((least with square) statistic\$3)) or (b\$1spline with filter\$3)) and (survey\$3 drill\$3 with (region\$3 area\$1)) and ((subtract\$3 remov\$3) with (interfer\$3 noise))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:17
S20 5	1	(magnetic\$3 with data with sens\$3) and(tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and ((magnetometer\$1 same bias same ((least with square) statistic\$3)) or (b\$1spline with filter\$3)) and (survey\$3 drill\$3 with (region\$3 area\$1)) and ((subtract\$3 remov\$3) with (interfer\$3 noise bias))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:25
S20 6	0	S205 and (S161 S162 S163 S164 S165 S166 S167)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:19
S20 7	0	((magnetic\$3 with data with sens\$3) and(tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and ((magnetometer\$1 same bias same ((least with square) statistic\$3)) or (b\$1spline with filter\$3)) and (survey\$3 drill\$3 with (region\$3 area\$1)) and ((subtract\$3 remov\$3) with (interfer\$3 noise bias))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:18
S20 8	0	S207 and (S161 S162 S163 S164 S165 S166 S167)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 12:19
S20 9	565	(702/2,5).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/01 10:20

EAST Search History

S21 1	355	(702/9,10).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/01 10:21
S21 2	159	(367/16).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/01 10:21
S21 3	58	(ship\$1 marine\$1 submarine\$1 drill\$3 borehole\$1) with (magnetometer\$1 sensor\$1) with (bias interfer\$3)	USPAT	OR	ON	2007/08/01 10:21
S21 4	37	(magneto\$1meter\$1 and (magnetic with sens\$3)) and ((ship\$1 marine\$1) with (bias\$3 tow\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:22
S21 9	1	((magneto\$1meter\$1 and (magnetic with sens\$3)) and ((ship\$1 marine\$1) with (bias\$3 tow\$3))) and ((determin\$3 same (bias interfer\$3) with trend\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:22
S22 1	1	S219 and (S209 S211 S212)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:23
S22 2	3	S213 and (S209 S211 S212)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:23
S22 3	0	S222 and S214	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:23
S22 4	2	(estimat\$3 approximat\$3 filter\$3) with (gradient\$1 with (ship marine\$1) with data)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:24
S22 5	1	S224 and S219	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:24
S22 6	1	(magnetometer\$) and (((marine ship\$1) with bias\$3) (interfer\$3 with bias with ship\$1)) and (trend\$1 with (estimat\$3 calculat\$3 approximat\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:24

EAST Search History

S22 7	1	(magnetic\$3 with data with sens\$3) and(tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and ((magnetometer\$1 same bias same ((least with square) statistic\$3)) or (b\$1spline with filter\$3)) and (survey\$3 drill\$3 with (region\$3 area\$1)) and ((subtract\$3 remov\$3) with (interfer\$3 noise bias))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:32
S22 8	1	S227 and (S209 S211 S212)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:29
S22 9	0	((magnetic\$3 with data with sens\$3) and(tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement) and ((magnetometer\$1 same bias same ((least with square) statistic\$3)) or (b\$1spline with filter\$3)) and (survey\$3 drill\$3 with (region\$3 area\$1)) and ((subtract\$3 remov\$3) with (interfer\$3 noise bias))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:33
S23 0	0	S229 and (S209 S211 S212)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:33
S23 1	0	((magnetic\$3 with data with sens\$3) and (tow\$3 with (marine\$1 ship\$1) and sensor\$1) and (gradient with data) and (sensor\$1 with distance\$1) and (determin\$3 with estimat\$3 with gradient\$1) and (survey\$3 with (area\$1 region\$3)) and (igneous with basement)). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:37
S23 2	0	S231 and (S209 S211 S212)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 10:37